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1381 U.S.PTO

1381 16.P01

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	P24816	Total Pages
Inventor(s) or Application Identifier		
Akira YAMAMOTO, Ken SUGO, Yae KUROSAWA and Kikuka KISHIRO		

Title: METHOD FOR CULTURING CELLS, CELL
CULTURE CARRIERS AND CELL CULTURE APPARATUSADDRESS TO:
Commissioner for Patents
Mail Stop Patent Application
PO Box 1450
Alexandria, VA 22313-1450

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. a. <input type="checkbox"/> Small Entity Statement(s)</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>83</u>] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>9</u>]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>4</u>] a. <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below] i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)</p>	<p>9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p>10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>11. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>12. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>14. <input type="checkbox"/> Preliminary Amendment</p> <p>15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>16. <input type="checkbox"/> Figure of Drawing to be published <u>1</u></p> <p>17. <input checked="" type="checkbox"/> Foreign priority claimed a. <input checked="" type="checkbox"/> Claim of Priority b. <input type="checkbox"/> Certified Copy of Priority Document(s)</p> <p>18. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b) (2) (B) (i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>19. <input checked="" type="checkbox"/> Assignee: <u>PENTAX Corporation of Tokyo, Japan</u></p> <p>20. <input checked="" type="checkbox"/> Other: <u>Cover Letter Filed Under 37 CFR 1.53(b) & (f)</u></p> <p>_____ _____ _____</p>

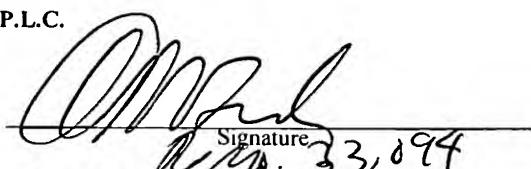
21. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 C.F.R. 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior Application No. _____ filed _____.
Prior application information: Examiner: _____ Group Art Unit: _____

Address all future correspondence to Customer No. 7055 at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191
(703) 716-1191

4/12/04
Date


Signature 33,099
Bruce H. Bernstein, Reg. No. 29,027
Typed or Printed Name

FEE TRANSMITTAL

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Akira YAMAMOTO et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

TOTAL AMOUNT OF PAYMENT	(\$1,256.00)	Attorney Docket Number	P24816
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METHOD OF PAYMENT (check one)**FEES CALCULATION** (continued)

1. The U.S Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-0089Deposit Account Name GREENBLUM & BERNSTEIN, P.L.C.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future

reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))

Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)

Applicant Claims Small Entity Status
See 37 CFR 1.27.

2. Payment Enclosed:

Check Credit Card Money Order Other

FEES CALCULATION (fees effective 10/01/03)**1. FILING FEE**

Large Entity Fee Code (\$)	Entity Fee	Small Entity Fee Code (\$)	Entity Fee	Fee Description	Fee Paid
1001 770	2001	385		Utility filing fee	<u>770.00</u>
1002 340	2002	170		Design filing fee	
1003 530	2003	265		Plant filing fee	
1004 770	2004	385		Reissue filing fee	
1005 160	2005	80		Provisional filing fee	

SUBTOTAL (1) (\$) 770.00**2. CLAIMS**

Total Claims	Extra	Fee from below	Fee Paid
47	-20=	<u>27</u>	<u>18</u>
Independent 3	-3=	<u>0</u>	<u>86</u>
Claims			<u>0</u>
Multiple Dependent Claims		<u>0</u>	<u>290</u>

Large Entity Fee Code (\$)	Entity Fee	Small Entity Fee Code (\$)	Entity Fee	Fee Description
1202 18	2202	9		Claims in excess of 20
1201 86	2201	43		Independent claims in excess of 3
1203 290	2203	145		Multiple dependent claim
1204 86	2204	43		Reissue independent claims over original patent
1205 18	2205	9		Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 486.00**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Entity Fee	Small Entity Fee Code (\$)	Entity Fee	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR	
1805	1,840*	1805	1,840*	Prior to Examiner action	
1251	110	2251	55	Requesting publication of SIR after Examiner action	
1252	420	2252	210	Extension for response within 1st month	
1253	950	2253	475	Extension for response within 2nd month	
1254	1,480	2254	740	Extension for response within 3rd month	
1255	2,010	2255	1,005	Extension for response within 4th month	
1401	330	2401	165	Extension for response within 5th month	
1402	330	2402	165	Notice of Appeal	
1403	290	2403	145	Filing a brief in support of an appeal	
1451	1,510	1451	1,510	Request for oral hearing	
1452	110	2452	55	Petition to institute a public use proceeding	
1453	1,330	2453	665	Petition to revive unavoidably abandoned application	
1501	1,330	2501	665	Petition to revive unintentionally abandoned application	
1502	480	2502	240	Utility issue fee (or reissue)	
1503	640	2503	320	Design issue fee	
1460	130	1460	130	Plant issue fee	
1807	50	1807	50	Petitions to the Commissioner	
1806	180	1806	180	Petitions related to provisional applications	
8021	40	8021	40	Submission of IDS	
1809	770	2809	385	Recording each patent assignment per property (times number of properties)	
1810	770	2810	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1801	770	2801	385	For each additional invention to be examined (37 CFR 1.129(b))	
1802	900	1802	900	Request for Continued Examination (RCE)	
				Request for expedited examination of a design application	

Other fee (specify) _____

Other fee (specify) _____

SUBTOTAL (3) (\$) 0.00

*Reduced by Basic Filing Fee paid

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	<u>Bruce H. Bernstein</u>			Reg. Number	29,027
Signature	<u>Bruce H. Bernstein</u>			Deposit Account User ID	

4/12/04 *kgw 33094*

P24816.P03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Akira YAMAMOTO et al.

Serial No :Not Yet Assigned

Filed : Concurrently Herewith

For : METHOD FOR CULTURING CELLS, CELL CULTURE CARRIERS AND CELL
CULTURE APPARATUS

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION
FILED UNDER 37 C.F.R. 1.53(b) and 1.53(f)**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b) and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

GREENBLUM & BERNSTEIN, P.L.C.
1950 Roland Clarke Place
Reston, VA 20191

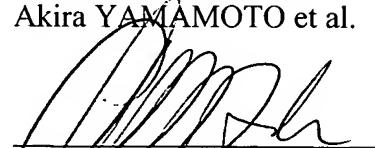
The above-identified application includes:

Attuot

- 83 pages of specification with abstract.
- 9 sheets of drawings with 11 figures.
- 47 total claims and 3 independent.
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,
Akira YAMAMOTO et al.


Bruce H. Bernstein
Reg. No. 29,027

Aug 23, 1997

April 12, 2004
GREENBLUM & BERNSTEIN, P.L.C.
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